## ISSUE SLIP STAPLE AREA (for additional cross references)

| POSITION                  | INITIALS | ID NO.    | DATE     |  |  |
|---------------------------|----------|-----------|----------|--|--|
| FEE DETERMINATION         | (Mr. /2  |           | 3-64-6   |  |  |
| O.I.P.E. CLASSIFIER       |          | <u></u> : | 1:-11/0  |  |  |
| FORMALITY REVIEW          | A:1      | 1601      | 12/28/01 |  |  |
| RESPONSE FORMALITY REVIEW |          |           |          |  |  |

## INDEX OF CLAIMS

| ~ | Rejected                   | N | Non-elected  |
|---|----------------------------|---|--------------|
| = | Allowed                    | 1 | Interference |
| _ | (Through numeral) Canceled | Α | Appeal       |
| ÷ | Restricted                 | 0 | Objected     |

| Cla            | im       |  |   |  |  | Dat                                 | е           |          |                                     |          |   |   | Cla          | im       |   |          |                                     | _ |
|----------------|----------|--|---|--|--|-------------------------------------|-------------|----------|-------------------------------------|----------|---|---|--------------|----------|---|----------|-------------------------------------|---|
| Final          | Original | \$-11-13                                     | 9-803   |  |  |                                     |             |          |                                     |          |   |   | Final        | Original |   |          |                                     |   |
| ٠,             | 7        |  | 5 >   | -  | -  |                                     |             |          |                                     |          | -   |   | _            | 51       |   | _        |                                     | ł |
|                | 2        | ×  | √   | -  |  |                                     | H           | -        |                                     |          |   |   |              | 52       | _ |          |                                     | t |
| -              | 3        | 7  | V   | $\vdash$   |  |                                     |             |          | _                                   |          | _   |   |              | 53       |   |          |                                     | t |
| -              | 4        | 0  |   | -  |  |                                     | _           | -        |                                     |          |   |   |              | 54       |   |          | ┢                                   | t |
|                | 5        | V  | 0 >   |  |  |                                     |             |          |                                     |          |   |   |              | 55       |   |          | $\vdash$                            | t |
| _              | 6        | V  | >   | $\vdash$   |  |                                     |             |          |                                     |          |   |   | _            | 56       |   | _        |                                     | t |
|                | 7        | V  | V   |  |  |                                     | -           |          |                                     | _        |   |   |              | 57       |   |          |                                     | İ |
| _              | 8        | 7  | $\overline{}$   | $\vdash$   |  |                                     |             |          | -                                   |          |   |   |              | 58       | _ |          | Н                                   | t |
| _              | 9        | <b>V</b>                                     | ₹   |  | -  |                                     |             | г        |                                     |          |   |   | <del> </del> | 59       |   | -        |                                     | t |
| Ė              | NQ       | 7  | Ť   |  | -  | -                                   |             |          |                                     |          | _   |   | <del> </del> | 60       |   | $\vdash$ | -                                   | 1 |
|                | N        | 1  |   |  | $\vdash$   | $\vdash$                            |             | $\vdash$ |                                     |          |   |   | $\vdash$     | 61       |   | 一        | -                                   | 1 |
|                | 12       | 1  | $\overline{}$   |  | $\vdash$   | $\vdash$                            |             | $\vdash$ |                                     | Н        | -   |   | -            | 62       | - | -        | 一                                   | 1 |
|                | 13       | v  | V   | $\vdash$   | $\vdash$   | Н                                   |             | $\vdash$ |                                     |          |   |   | ┝            | 63       | _ | -        | -                                   | 1 |
| +              | 14       | v  | 0   |  |  |                                     | $\vdash$    | -        | -                                   | -        |   |   | $\vdash$     | 64       | _ | $\vdash$ | -                                   | 1 |
|                | 15       | 1  | <b>V</b>  | -  | $\vdash$   |                                     | $\vdash$    | $\vdash$ | Н                                   | Н        |   | 1 | ┢            | 65       |   | $\vdash$ | $\vdash$                            | i |
|                | 16       | ¥  | Ť   | $\vdash$   | $\vdash$   | $\vdash$                            | $\vdash$    | $\vdash$ | H                                   |          | $\vdash$  |   | $\vdash$     | 66       |   | $\vdash$ | H                                   | - |
|                | 17       | 7  | لازد  | $\vdash$   |  |                                     | ├─          | ┢        | $\vdash$                            | -        | -   |   | $\vdash$     | 67       |   | $\vdash$ | $\vdash$                            |   |
| <del>} `</del> | 18       | _  | 3/-   | ⊢  | -  | $\vdash$                            | $\vdash$    | $\vdash$ | -                                   | -        | -   |   | <del> </del> | 68       | - |          | -                                   |   |
|                | 19       | ij   | ┢   | $\vdash$   | -  |                                     | ⊢           | ⊢        | -                                   |          | -   |   | ├            | 69       | - | -        | -                                   |   |
| -              | -        | 3  | ┝   |  | $\vdash$   | <u> </u>                            | ⊢           |          | Н                                   | Н        | $\vdash$  |   | <del> </del> | 70       | - |          | $\vdash$                            | 1 |
| -              | 20       | _  | <u> </u>  | L  | _  | <u> </u>                            | ┝           | <u> </u> | H                                   | H        | L   |   | <u> </u>     | _        |   | _        | <u> </u>                            |   |
| -              | 21       | <u>.                                    </u> | Ŀ   | <u> </u>   | _  | _                                   | _           | <u> </u> | L                                   | L.       | <u> </u>  |   | <u> </u>     | 71       |   | _        | _                                   |   |
|                | 22       | <u> </u>                                     | <u> </u>  | <u> </u>   |  |                                     | á           | <u> </u> | <u> </u>                            |          | _   |   |              | 72       |   |          | _                                   | į |
| Ĺ,             | 23       |  | <u></u>   | <u> </u>   |  |                                     | <u> </u>    | <u> </u> | L.                                  |          | _   |   |              | 73       |   | ļ        |                                     |   |
| ×              | 24       | į  | Ŀ   | -  |  | _                                   | ļ           | Ŀ        | _                                   |          | <u> </u>  |   | <u> </u>     | 74       |   |          | <u> </u>                            |   |
| 1              | 25       | <b> </b>                                     | <u> </u>  | <u> </u>   | _  |                                     | _           | <u> </u> | <u> </u>                            |          | <u> </u>  |   | <u> </u>     | 75       |   | <u> </u> | -                                   |   |
|                | 28       | Ŀ  | <u> </u>  |  |  |                                     | <u> </u>    | <u> </u> | <u> </u>                            |          | ļ   |   | <u> </u>     | 76       | _ |          |                                     |   |
|                | 27       |  | L   | L  | <u> </u>   |                                     |             | ļ        | <u> </u>                            |          |   |   | <u> </u>     | 77       |   | <u> </u> | ļ                                   |   |
|                | 28       |  | L.  | ļ  |  |                                     | _           | _        | L.                                  |          | ļ   |   | ļ            | 78       |   | ļ        |                                     |   |
|                | 29       | _  | L   | ļ  | <u> </u>   |                                     | _           | <u> </u> | _                                   |          | L   |   | ļ            | 79       |   |          | _                                   |   |
|                | 30       | L  | _   |  | L  | $\Box$                              | _           | <u> </u> |                                     |          |   |   | <u> </u>     | 80       |   |          | _                                   |   |
| _              | 31       |  |   |  | L  |                                     | <u> </u>    | <u> </u> | _                                   |          |   |   | <u> </u>     | 81       |   | _        |                                     |   |
| _              | 32       | _  | $ldsymbol{le}}}}}}$ |  |  | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | L           | L        |                                     |          |   |   |              | 82       |   |          | <u>_</u>                            |   |
|                | 33       |  |   |  |  | <u>L</u>                            | <u> </u>    | <u> </u> | L                                   |          | _   |   | ļ            | 83       | _ | ļ        | _                                   |   |
|                | 34       | <u> </u>                                     | <u> </u>  |  |  |                                     | _           | L_       |                                     |          | L   |   | L_           | 84       |   | <u> </u> | <u> </u>                            | - |
| _              | 35       | L  |   |  |  |                                     |             |          |                                     |          | <u> </u>  |   | _            | 85       |   | <u> </u> | <u> </u>                            |   |
| ·              | 36       | _  | $\vdash$  | <u> </u>   | L_   |                                     | _           | _        | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | L        | <u> </u>  |   | ldash        | 86       |   | $\vdash$ | L                                   |   |
| ij             | 37       | <u> </u>                                     | _   | _  | _  | _                                   |             | _        |                                     |          | L   | 1 | <u> </u>     | 87       |   | _        | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ |   |
| 4              | 38       | : 1  | Ŀ   | _  |  |                                     | <u> </u>    | L        | oxdot                               |          | L   |   | <u> </u>     | 88       |   | _        |                                     |   |
| ٤.             | 39       | L  | L.  | _  | $oxed{oxed}$                                     |                                     |             | <u>_</u> |                                     | L        | $ldsymbol{ld}}}}}}$ |   | <u> </u>     | 89       |   | _        |                                     |   |
|                | 40       | L  | L   | L  | L  | L                                   | L           | L        |                                     | L        | L   |   | L            | 90       |   |          | L                                   |   |
| _              | 41       | L  | L   |  |  |                                     |             |          |                                     |          |   |   |              | 91       |   | L        |                                     |   |
|                | 42       |  |   |  |  |                                     |             |          |                                     |          |   |   |              | 92       |   |          |                                     | 1 |
|                | 43       | ٠  | Γ   |  |  |                                     |             |          |                                     |          |   |   |              | 93       |   |          |                                     | 1 |
|                | 44       | •  |   |  | Г  |                                     |             | Г        | Г                                   |          | Г   | ] |              | 94       |   |          | Г                                   | 1 |
|                | 45       | Γ  |   | Г  | Г  |                                     | Τ           |          |                                     |          |   | 1 |              | 95       |   | Γ        | _                                   | 1 |
| -1             | 46       | Γ  | Г   |  | Г  |                                     | Г           | <u> </u> | Г                                   | Г        | Τ   |   | Г            | 96       |   |          | Г                                   | 1 |
|                | 47       | Г  |   |  |  |                                     | Г           |          |                                     |          |   |   | ┢            | 97       |   | Г        | Г                                   | 1 |
| :              | 48       | $\vdash$                                     | Г   | Т  |  |                                     | $\vdash$    |          | Г                                   | $\vdash$ | -   |   | 一            | 98       |   | $\vdash$ |                                     | 1 |
| _              | 49       | Ι  | _   | <del>                                     </del> | <del>                                     </del> | -                                   | <del></del> |          | -                                   |          | <del>                                     </del>  | 1 |              | 99       |   | -        | $\overline{}$                       | 1 |

| Cla      | im       |          |          |          |          | Dat      | e           |                                     |                |                |  |
|----------|----------|----------|----------|----------|----------|----------|-------------|-------------------------------------|----------------|----------------|--|
|          |          |          |          |          |          |          |             |                                     |                |                |  |
| Final    | Original |          |          |          |          |          |             |                                     |                |                |  |
| Щ.       |          |          |          |          | -        | -        | <u> </u>    |                                     |                |                | -  |
|          | 51       | _        |          |          | _        | _        |             |                                     |                | <u> </u>       | L  |
| _        | 52       |          |          | _        | _        | _        |             |                                     |                |                | ļ  |
|          | 53       |          |          |          | L        |          |             |                                     |                | L              |  |
|          | 54       |          |          |          | L        |          |             | <u> </u>                            |                | L              |  |
|          | 55       |          |          |          |          |          |             |                                     |                | _              |  |
| L        | 56       |          |          |          |          |          |             | L.                                  | <u></u>        | L.             |  |
| L        | 57       |          |          |          | L        |          |             | _                                   |                |                | L  |
|          | 58       |          |          |          | L        |          |             |                                     |                |                | L_   |
| L        | 59       |          |          |          |          |          | L_          |                                     |                | L              |  |
| L        | 60       |          |          |          |          |          |             |                                     |                |                |  |
|          | 61       |          |          |          |          |          |             |                                     |                |                |  |
| Г        | 62       |          |          |          |          |          |             |                                     |                |                |  |
|          | 63       |          |          |          |          |          | <u> </u>    |                                     |                |                |  |
|          | 64       |          |          |          |          |          |             |                                     |                |                |  |
|          | 65       |          |          | Г        | Г        |          |             |                                     |                |                | Г  |
| $\Box$   | 66       |          | П        | Г        |          |          |             |                                     |                | _              |  |
| $\vdash$ | 67       |          | $\vdash$ |          |          |          |             | -                                   | ┢──            | <del>  -</del> | <del>                                     </del> |
| -        | 68       | -        | -        | ├─       | <u> </u> | -        | -           | -                                   | ┢              | <u> </u>       | <u> </u>   |
| -        | 69       | -        | -        | ┝        |          | $\vdash$ | -           | -                                   |                | -              |  |
| -        |          | -        | -        | ⊢        | -        | $\vdash$ | $\vdash$    | $\vdash$                            | ┝              | ┢              | $\vdash$   |
| -        | 70       | <u> </u> | _        | <u> </u> | _        | _        | <u> </u>    | <u> </u>                            | <u> </u>       | _              | <u> </u>   |
| ⊢        | 71       | <u> </u> | _        | _        |          |          |             |                                     | ļ              | ļ              | <u> </u>   |
|          | 72       |          |          |          | _        | _        | <u> </u>    | _                                   | <u>L</u>       | <u>L</u>       | L  |
|          | 73       | _        | ļ        | L        | ļ        | _        | <u> </u>    | _                                   | L.             | <u></u>        | <u> </u>   |
|          | 74       |          |          | <u> </u> | L_       | L_       | _           | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | L.             | L_             | _  |
| _        | 75       |          |          |          | L        |          | L           |                                     |                | _              |  |
| L        | 76       |          |          |          |          | ļ        | L           | _                                   |                | _              | <u></u>  |
| _        | 77       |          | L.       |          |          |          | <u> </u>    | _                                   | _              | L              |  |
|          | 78       |          |          |          | _        |          | <u>L</u> .  |                                     |                |                |  |
|          | 79       |          |          | L        |          |          |             |                                     |                | <u> </u>       |  |
|          | 80       |          |          |          |          |          |             |                                     |                |                |  |
|          | 81       |          |          |          |          |          |             |                                     |                |                |  |
|          | 82       |          |          |          | П        | Г        | Г           |                                     |                | Π              |  |
|          | 83       |          |          |          |          |          |             |                                     |                |                |  |
|          | 84       |          |          |          |          |          |             |                                     |                |                |  |
|          | 85       |          |          |          |          |          | Г           |                                     |                |                | Г  |
|          | 86       |          |          | Г        | _        |          |             |                                     | <u> </u>       | T              | _  |
|          | 87       | Г        |          | Г        | $\vdash$ |          | <del></del> | _                                   | <del>  -</del> | <u> </u>       | _  |
|          | 88       | Г        |          |          |          |          |             |                                     |                |                |  |
|          | 89       | Н        |          | $\vdash$ |          |          |             |                                     |                |                |  |
|          | 90       | $\vdash$ |          | $\vdash$ |          |          | -           | $\vdash$                            | $\vdash$       | -              | -  |
| -        | 91       | $\vdash$ |          | $\vdash$ |          | $\vdash$ | $\vdash$    |                                     | $\vdash$       |                | $\vdash$   |
| -        |          | <u> </u> | -        | <u> </u> |          |          | -           | <u> </u>                            | <u> </u>       | <u> </u>       | -  |
| <u></u>  | 92       | $\vdash$ | <u> </u> | $\vdash$ | <u> </u> | _        | ⊢           | <u> </u>                            |                | <u> </u>       | ├-   |
| $\vdash$ | 93       | $\vdash$ | <u> </u> | <u> </u> | _        | $\vdash$ | <u> </u>    | <u> </u>                            | _              | _              |  |
| <u>_</u> | 94       |          | _        |          |          |          |             | _                                   | <u> </u>       | L.             | <u> </u>   |
| <u></u>  | 95       | _        |          | L        | ╙        | _        | <u>L</u> .  |                                     |                | L              | <u> </u>   |
| $\vdash$ | 96       | <u> </u> | _        | L        | _        | L_       | _           | <u> </u>                            |                | _              | _  |
| L        | 97       | L        |          |          |          |          |             |                                     | <u>_</u>       | L              | _  |
|          | 98       | Ĺ        |          |          |          |          |             |                                     |                |                |  |
|          | 99       |          |          |          |          |          |             |                                     |                |                | Γ  |

| Cla      | im       |   |              |              |              | Dat          | е  |                |  |                   |           |
|----------|----------|---|--------------|--------------|--------------|--------------|--|----------------|--|-------------------|-----------|
|          | ᡖ        |   |              |              |              |              |  |                |  |                   |           |
| -        | ιĔ       |   |              |              |              |              |  |                |  |                   |           |
| Final    | Original |   | i            |              |              |              |  |                |  |                   |           |
| F        | 101      | - | -            |              | -            | -            |  | H              | -  |                   |           |
|          | 102      | ├ | ┝            | -            | $\vdash$     | -            |  | -              |  |                   | -         |
|          |          |   | -            | _            | -            |              | -  | -              | _  |                   | H         |
| L        | 103      |   |              |              |              |              |  |                |  |                   |           |
| <u></u>  | 104      |   |              | _            | L.           | _            |  |                |  | <u>_</u>          | _         |
| L        | 105      |   | _            |              |              |              |  |                |  | _                 |           |
| L        | 106      |   |              |              |              |              |  |                |  |                   |           |
|          | 107      |   |              |              | 1            |              |  |                |  |                   |           |
| Г        | 108      | Γ | Г            |              |              |              |  |                |  |                   |           |
|          | 109      |   |              |              |              |              |  |                | Г  | -                 |           |
|          | 110      |   |              |              | $\vdash$     |              |  |                |  | $\vdash$          | $\vdash$  |
| -        | 111      |   | -            |              | -            |              | -  |                | -  |                   |           |
| -        | 112      |   |              |              | $\vdash$     | H            | -  |                | -  | $\vdash$          | $\vdash$  |
| -        | -        | _ |              |              | $\vdash$     |              | <del>  -</del>                                   |                | $\vdash$   | $\vdash$          | $\vdash$  |
| -        | 113      | - | ļ            |              | $\vdash$     | H            | -  |                | -  |                   | -         |
| $\vdash$ | 114      | — | <u> </u>     | _            | -            | ļ            | <u> </u>   | <u> </u>       | <u> </u>   | <u> </u>          | <u> </u>  |
| L.       | 115      | - | <u> </u>     |              | <u></u>      |              | <u> </u>   | L.             | _  | <u> </u>          | $\square$ |
|          | 116      |   | ļ.,          |              | L            | L            |  |                |  | $ldsymbol{f eta}$ | Ш         |
|          | 117      |   | L            |              | L            |              |  |                |  | L                 | $\Box$    |
|          | 118      |   |              |              |              |              | }  |                |  | 1                 | li        |
|          | 119      |   |              |              |              |              |  |                |  |                   |           |
| $\vdash$ | 120      |   |              |              | ┰            |              | $\vdash$   | _              | $\vdash$   |                   |           |
| $\vdash$ | 121      | - |              | $\vdash$     | ├─           | -            | -  | -              | -  | ├─                | H         |
| -        | 122      |   | -            |              | $\vdash$     | ⊢            | ┝  | -              | ⊢  | ┝                 | -         |
| $\vdash$ |          |   |              | -            | ⊢            | ⊢            | ┝  | H              | ├  | -                 | -         |
| $\vdash$ | 123      |   |              |              | _            | H            | <u> </u>   |                | <u> </u>   |                   |           |
|          | 124      |   | _            |              | _            | <u> </u>     | $\vdash$   | <u> </u>       | <u> </u>   | <u> </u>          | _         |
| <u>_</u> | 125      |   |              |              | _            | _            | _  |                | L  | ļ                 | Щ         |
|          | 126      |   |              |              | _            | _            | _  |                | L  | <u> </u>          | Ш         |
|          | 127      |   |              | _            | L.           | _            |  |                | _  | L                 |           |
|          | 128      |   |              |              |              |              |  |                |  | _                 |           |
|          | 129      | • |              |              |              |              |  |                |  |                   |           |
| Г        | 130      |   |              |              |              |              |  |                |  |                   |           |
|          | 131      |   |              |              |              |              | <u> </u>   |                | _  | Ī                 |           |
|          | 132      |   | ļ            |              |              |              |  |                |  |                   |           |
| $\vdash$ | 133      | - | T            | -            | T            | $\vdash$     | <del>                                     </del> | 1              | Г  |                   |           |
| $\vdash$ | 134      |   | 1            | -            |              | -            |  | <del>  -</del> |  | $\vdash$          | $\vdash$  |
| $\vdash$ | 135      |   |              | -            |              | -            |  | $\vdash$       | $\vdash$   | $\vdash$          | -         |
| -        | 136      |   | $\vdash$     |              | $\vdash$     | $\vdash$     | $\vdash$   | $\vdash$       | $\vdash$   | -                 | -         |
| -        | 137      |   |              |              | $\vdash$     | $\vdash$     | $\vdash$   | $\vdash$       | $\vdash$   | -                 | -         |
| -        |          | - | <del> </del> | -            | ⊢            | $\vdash$     | $\vdash$   | <u> </u>       | $\vdash$   | <u> </u>          |           |
| $\vdash$ | 138      |   | <u> </u>     | _            | $\vdash$     | <u> </u>     | $\vdash$   | $\vdash$       | $\vdash$   | <u> </u>          |           |
| <u></u>  | 139      |   | <u> </u>     | _            | _            | <u> </u>     | <u> </u>   | <u> </u>       | <u> </u>   |                   | _         |
| L        | 140      |   |              |              |              |              |  |                |  | L                 |           |
| 1        | 141      |   |              |              | L.           |              | L  | _              | _  | L                 |           |
| Г        | 142      |   | Г            | -            | Γ            |              |  |                |  |                   |           |
| Г        | 143      |   | Г            |              |              |              |  |                |  | <u> </u>          | Π         |
|          | 144      |   |              | $\vdash$     | $\vdash$     |              |  | 1              |  |                   | П         |
| $\vdash$ | 145      |   |              | _            |              | $\vdash$     | $\vdash$   | $\vdash$       | $\vdash$   | $\vdash$          | $\vdash$  |
| -        | 146      |   |              |              | $\vdash$     | <del> </del> | -  | -              | <del>                                     </del> | $\vdash$          | $\vdash$  |
| $\vdash$ | 147      |   | $\vdash$     | <del> </del> | -            | <del> </del> |  | -              | -  | $\vdash$          | $\vdash$  |
| -        |          |   | <del> </del> | -            | $\vdash$     | H            | $\vdash$   | H              | ├  | -                 | $\vdash$  |
| $\vdash$ | 148      | - | <u> </u>     | _            | <del> </del> | -            |  | -              | <del> </del>                                     | ├-                | H         |
| <u></u>  | 149      |   | <u> </u>     |              | <u> </u>     | <u> </u>     | <u> </u>   | <u> </u>       | <u> </u>   | ⊢-                | _         |
| L        | 150      |   |              | _            | L_           | ليا          |  |                | L_   |                   |           |

If more than 150 claims or 10 actions staple additional sheet here

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## BEST AVAILABLE COP